Checklist

File Avai	Sample	Reque	Description Checklist	Simulation	Number			
able		st			of Events			
?	Min Bias	JEC	Min-bias events with 0, 1, 2, 5, 10, 20 pile-up. 10K events	Full	(K) 60			
	_	JEC	Neutrino particle gun. Min bias events with calcrimeter poise turned off	Full	10			
	No-noise sample Min Bias	JEC JEC	Min-bias events with calorimeter noise turned off Min-bias events with 0, 1, 2, 5, 10, 20 pile-up. 10K each,	Full Full	60			
		JEC	digitized and reconstructed without zero-suppression Neutrino particle gun digitized and reconstructed without zero-	Full	10			
	No-noise	JEC	suppression Min-bias events with calorimeter noise turned off, digitized and	Full	10			
	sample		reconstructed without zero-suppression					
	Photon	JEC/MET	Photon background from QCD dijets with preselection of	Full	1000			
	from QCD dijets for pt		isolated pi0, eta, etc: 1 M after preselection, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500.					
	correction	JEC/MET	All samples are with 100K events per pt_hat bin. Photon + jet balancing sample from inclusive photon signal	Full	1000			
	,		production: 1 M, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are					
	Z+jet	JEC/MET	with 100K events per pt_hat bin. Z + jet balancing sample from Z production with forced decay	Full	1000			
			to di-electron and di-muon: 1 M, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 100K events per pt_hat bin.					
	W+jet	MET	W + jet balancing sample from W production with forced decay to electron and muon(?): 1 M, pt_hat bins 0-15, 15-20,	Full	500			
			20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 50K events per pt_hat bin.					
	samples		21 pt hat bins: 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-230,	Full	2100			
		MET	230-300, 300-380, 380-470, 470-600, 600-800, 800-1000, 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100K /pthat bin					
	QCD dijet samples	Jet +track	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with	Full	350			
	Samples	Tudok	with 0 PU event 50K /pthat bin - Datasets should be produced without zero supression in ECAL and HCAL					
	UCD diiot	.lo+	(for ECAL means switch OFF selective readout).	Full	250			
	QCD dijet samples	Jet +track	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 1 PU event 50K /pthat bin	Full	350			
	QCD dijet samples	Jet +track	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with	Full	350			
	QCD dijet	Jet	with 2 PU event 50K /pthat bin 21 pt hat bins:	Full	350			
	samples OCD dijet	+track	20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 5 PU event 50K /pthat bin		100			
	samples	JEC/ JALGO/ MET	Samples for flavor correction with standard AOD output;QCD dijet samples with a pre-selection of events with either b or c hadrons in the final state (if such pre-selection is not		100			
			available, then b or c quarks coming from the hard scatter). a.) 0-15, 15-20 with 50K events each =100k					
	QCD dijet samples	JEC/ JALGO/	(see above) b.) 20-30, 30-50, 50-80 with 100K events each = 300 K	Full	300			
		MET JEC/	events (see above)	Full	350			
	-	JALGO/ MET	c.) 80-120, 120-170, 170-230, 230-300, 300-380, 380-470, 470-600 with 50K events each = 350 K events					
	QCD dijet samples	JEC/ JALGO	(see above) d.) 600-800, 800-1000, 1000-1400, 1400-1800, 1800-2200,	Full	270			
		MET JALGO	2200-2600, 2600-3000, 3000-3500, >3500,30K each = 270 K pthat bins: 20-inf, 80-120, 600-800, no-noise no PU ,10k	Full	30			
	samples		events each					
	QCD dijet samples	JALGO	pthat bins: 20-inf, 80-120, 600-800, no PU ,10k events each	Full	30			
	QCD dijet	JALGO	pthat bins: 20-inf, 80-120, 600-800, low-lumi in-time PU ,10k	Full	30			
	samples		events each					
	QCD dijet samples	JALGO	pthat bins: 20-inf, 80-120, 600-800, low-lumi full PU,10k events each	Full	30			
	QCD dijet	JALGO	pthat bins: 20-inf, 80-120, 600-800, high-lumi in-time PU ,10k	Full	30			
	samples		events each					
	QCD dijet samples	JALGO	pthat bins: 20-inf, 80-120, 600-800, high-lumi full PU, 10k events each	Full	30			
					20			
	ttbar ttbar	JALGO JALGO	no-noise no PU	Full Full				
	ttbar ttbar	JALGO JALGO	no PU low-lumi in-time PU	Full Full	20 20			
	ttbar ttbar ttbar ttbar	JALGO JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU	Full Full Full	20 20 20 20 20			
	ttbar ttbar ttbar ttbar ttbar	JALGO JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU	Full Full	20 20 20			
	ttbar ttbar ttbar ttbar ttbar ttbar Beam Halo	JALGO JALGO JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU	Full Full Full Full	20 20 20 20 20 20			
	ttbar ttbar ttbar ttbar ttbar ttbar Z'	JALGO JALGO JALGO JALGO MET JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario	Full Full Full Full Full	20 20 20 20 20 20			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO MET JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each	Full Full Full Full Full Full Full Full	20 20 20 20 20 50 30 30			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO JALGO MET JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each	Full Full Full Full Full Full Full Full	20 20 20 20 20 50 30			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO JALGO MET JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt)	Full Full Full Full Full Full Full Full	20 20 20 20 20 50 30 30 30			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO JALGO MET JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD	Full Full Full Full Full Full SUM FULL	20 20 20 20 20 50 30 30 30 8620 2758.4			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO JALGO MET JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M	Full Full Full Full Full Full SUM FULL	20 20 20 20 20 50 30 30 30 8620 2758.4			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z'	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above)	Full Full Full Full Full Full SUM FULL	20 20 20 20 20 50 30 30 30 8620 2758.4			
	ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event	JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events.	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event	JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above)	Full Full Full Full Full Full Full Full	20 20 20 20 50 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event	JALGO JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event	JALGO JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event QCD dijet event	JALGO JEC JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event	JALGO JEC JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 700			
	ttbar ttbar ttbar ttbar ttbar Z' Z' QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 40000			
	ttbar ttbar ttbar ttbar ttbar ttbar Z' Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sumples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 400k events.	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 700			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events (see above) D) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 400k events.	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 30 8620 2758.4 4000 700			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) c) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 80-120 with 200k events each = 400k events.	Full Full Full Full Full Full Full Full	20			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >300-380, 380-470, 470-600, 600-800, 800-1000 with 25 K each= 2 00 k events (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 25 K each= 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600,	Full Full Full Full Full Full Full Full	20			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 kB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) OCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 1 M events each = 4 M events. OCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-120 with 200k events each = 400k events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 25 K each= 2 00 k events (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 25 K each= 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			
	ttbar ttbar ttbar ttbar ttbar Beam Halo Z' Z' QCD dijet event QCD dijet event QCD dijet event QCD dijet event QCD dijet event	JALGO JALGO JALGO JALGO JALGO JALGO JALGO JEC JEC JEC JEC JALGO JALGO	no PU low-lumi in-time PU low-lumi full PU high-lumi in-time PU high-lumi full PU default scenario high-lumi full PU m(Z')=700,2000,5000,10k events each no PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each low-lumi full PU m(Z')=700,2000,5000,10k events each SUM FULL SUM FULL Sample Size (Gb) Samples for eta correction study with compressed Jet AOD output (47 M events total, 20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSAO7 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events. (see above) b) 50-80, 80-120 with 2 M events each = 4 M events. (see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events. (see above) b) 50-80, 80-120 with 200k events each = 400k events. (see above) b) 50-80, 80-120 with 200k events each = 2 00 k events (see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	Full Full Full Full Full Full Full Full	20 20 20 20 30 30 30 8620 2758.4 4000 4000			